

Serial No.: 10/003,290
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IN THE SPECIFICATION:

On page 14, please amend the second and third full paragraphs beginning on line 5, as follows:

--In the cascade wavelength converter 700 as shown in Fig. 7, since the wavelengths of the pump beam and the signal beam inputted through the fiber are similar to each other, the area from the exposed end to the boundary with the wavelength converting region 720 is formed as fixed, compared with the mode converting region 610 of the DFG wavelength converter 600 as shown in Fig. 6. Therefore, the mode of the pump beam 701 does not ~~changed~~ change.

In the cascade wavelength converter 700 having the prescribed characteristics, the signal beam 702 is combined to the pump beam 701 during passage through a direction ~~combiner combining region 710~~ of the waveguide structure and, then, the wavelength of the signal beam combined to the pump beam is converted during passage through the wavelength converting region 720. At this time, the polymeric waveguide of the wavelength converting region 720 is in poled state along the direction perpendicular to the propagation.--